

Wescosville 500/138 kV T3 Transformer Switching

The Wescosville 500/138 kV T3 Transformer may be overloaded, on an actual basis or for a contingency loss of the Wescosville-Breinigsville 500 kV line due to system conditions or transmission outages in the area. Reconfiguration or switching at Wescosville may relieve the constraint by opening the Wescosville T3 transformer and closing the Wescosville 230/138 kV T5 transformer along with the Wescosville-Hosensack 230 kV line as system condition permits. Coordinate the switching with the PPL.

The Wescosville 230/138 kV T5 transformer and the Wescosville-Hosensack 230 kV line are normally kept opened due to a breaker duty condition.

As an alternative switching option, opening the Siegfried-Wescosville #1 138 kV line & Siegfried-Wescosville #2 138 kV line via the Wescosville 'SIEG_1' and 'SIEG_2' 138 kV CBs may also help relieve the constraint.

Switchings for Outage Conditions

- When there is an outage of the Wescosville-Breinigsville 500 kV line (or segments along the Wescosville-Breinigsville-Alburtis path), the Wescosville T3 and the Wescosville-Susquehanna 500 kV line may also need to be opened for constraint control. The Wescosville 230/138 kV T5 transformer (along with the Wescosville-Hosensack 230 kV line) can be closed.
- When there is an outage of the Wescosville T3 transformer, the Wescosville 230/138 kV T5 transformer (along with the Wescosville-Hosensack 230 kV line) can be closed.

PJM Actions:

- Study the switching options of the Wescosville facilities as indicated above
 - If the study indicates no actual or contingency violations resulting from the switchings, contacts PPL to perform the reconfiguration.
- Study and return the Wescosville facilities to their normal status as conditions permits.